

DEPARTMENT of ENVIRONMENTAL SERVICES  
Water Supply & Pollution Control Division - Biology Bureau

LAKE TROPHIC DATA

MORPHOMETRIC:

Lake: MOOSILAUKEE POND	Lake Area (ha): ---
Town: CAMPTON	Maximum depth (m): ---
County: Grafton	Mean depth (m): ---
River Basin: Merrimack	Volume (m <sup>3</sup> ): ---
Latitude: 43°46'43" N	Relative depth: ---
Longitude: 71°36'27" W	Shore configuration: ---
Elevation (ft): ---	Areal water load (m/yr): ---
Shore length (m): 1800	Flushing rate (yr <sup>-1</sup> ): ---
Watershed area (ha): ---	P retention coeff.: ---
% watershed ponded: ---	Lake type: ---

BIOLOGICAL:

25 June 1996

DOM. PHYTOPLANKTON (% TOTAL)	#1	NO SAMPLES COLLECTED
	#2	(DAM OUT - NO POND)
	#3	
PHYTOPLANKTON ABUNDANCE (units/mL)		
CHLOROPHYLL-A (µg/L)		
DOM. ZOOPLANKTON (% TOTAL)	#1	
	#2	
	#3	
ROTIFERS/LITER		
MICROCRUSTACEA/LITER		
ZOOPLANKTON ABUNDANCE (#/L)		
VASCULAR PLANT ABUNDANCE		
SECCHI DISK TRANSPARENCY (m)		
BOTTOM DISSOLVED OXYGEN (mg/L)		
BACTERIA (E. coli, #/100 ml)	#1	
	#2	
	#3	

SUMMER THERMAL STRATIFICATION:

Depth of thermocline (m):  
Hypolimnion volume (m<sup>3</sup>) : None  
Anoxic volume (m<sup>3</sup>) : None

**CHEMICAL:**Lake: MOOSILAUKEE POND  
Town: CAMPTON

25 June 1996

DEPTH (m)					
pH (units)					
A.N.C. (Alkalinity)					
NITRATE NITROGEN					
TOTAL KJELDAHL NITROGEN					
TOTAL PHOSPHORUS					
CONDUCTIVITY ( $\mu$ mhos/cm)					
APPARENT COLOR (cpu)					
MAGNESIUM					
CALCIUM					
SODIUM					
POTASSIUM					
CHLORIDE					
SULFATE					
TN : TP					
CALCITE SATURATION INDEX					

All results in mg/L unless indicated otherwise

**TROPHIC CLASSIFICATION: 1996**

D.O. S.D. PLANT CHL TOTAL CLASS

--	--	--	--	--	--

**COMMENTS:**

1. No samples were collected. The dam was out and there was no pond present.